

AMENDMENT

In the Claims:

Please replace present claim 1 with the following claim 1:

1. (Amended) A method for modifying the polysaccharide/saccharide composition of a plant or plant organ, wherein said method comprises growing a transformed transgenic plant containing a vector or recombinant expression construct encoding a microbial endo-glucanase operably linked to a regulatory or leader sequence under conditions wherein said glucanase is expressed and the carbohydrate composition of said plant or plant organ is modified by the expressed glucanase and said regulatory sequence is selected from the group consisting of
- a) a regulatory sequence that directs expression of said enzyme-encoding nucleotide sequence at a selected stage of development or maturity of the transgenic plant or plant organ;
 - b) a regulatory sequence comprising a 35S CaMV promoter; and
 - c) a regulatory sequence directs tissue-specific expression of said enzyme-encoding nucleotide sequence in a plant; and wherein said leader sequence targets the expressed endo-glucanase to the polysaccharide/saccharide material contained in a cellular compartment or organelle.

Please replace present claim 58 with the following claim 58:

58. (Amended) A stably transformed, transgenic plant or plant organ, characterized in that said plant or plant organ contains a endo-glucanase modified polysaccharide/saccharide composition contained in a cellular compartment or organelle, said plant or plant organ being made by the method of claim 1.